AEE/TDSD/SBR/16/22-23 dt. 11/7/22

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

Job Code Number: 014-21-000007 Budget Head : 3075
No :1st and Part bill Date:
Division **EE((Dasarahalli Division)**

Bill Received No. ..... Date..... Cash Book Voucher No..... dated.....
Scheduled Docted No.

Name of Work (as per sanctioned estimate) **Construction of RO Plant in ward no.14, Bagalagunte**

Name of Contractor and Full Address: **Sri Nagesh V (Shree Ranga Enterprises)**
Reference to Agreement No.

Certified that the measurement were taken by me on 18-04-2022 and recorded of pages 489025 to 489039 of measurement Book No 4891/20-21 and that the work is satisfactorily executed.

Contractor

Officer-In-Charge of work

Certified that the measurements were taken by me on 18/04/22 And found correct.
the work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of

if Memorandum of Payment

Sub-Division Officer

1) Total value of work done or supplies made as per account within — 1st and Final Bill → ~~1204671-00~~ 1213837-00
2) Deduct amount to be held in reserve being .....percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payments
   a) Amount of previous payment as in the office Cash Book Voucher No..... Dated ..... S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the Office Cash Book Voucher No dated..... less adjustments
7) Net amount due to or from contractor
   Unadjusted items
8) Advance to contractor for materials brought to site (as detailed) with
   Value of Government materials supplied

IT → 12138-00
LWC → 12138-00
CBF → 1214-00
Rty → 8107-00
Fine → 1900-00
CGST → 10838-00
SGST → 10838-00
57173/-
Net → 1156664-00

Received Rs..... (in words)
.....
by cash and by adjustment of Payment as per memorandum.

Witnesses:
1
2

Stamp

(For use in the Office)

Dated..... Signature of Contractor

Paid by me by cheque No.....dated.....
Cast Rs.....dated.....

Initials of Officer making payment

Audited and admitted for Rs 1213837/-
Passed by Cheque for Rs 1156664/-
(Eleven Lakhs Fifty Six Thousand Six hundred Sixty Four Rupees only/-
by adjustment 57173/-

Executive Engineer

Accountants Superintendent Exe. Engineer
B.B.M.P. Dasarahalli Division

ABSTRACT

Name of Work; Construction of RO Plant in ward No;14

Sl.No	Description of Work	Shedule B	Unit	Previous		Present Measurement			Total Up-to-date		Remarks
				Qty.	Cost	Qty	Rate	Cost	Qty	Cost	
1	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. Page No-143 , Item No-19.1 PWD SR 2018-19										
	a) Quantity up to 125 %	27.88	Cum	0.00	0.00	27.88	326.96	9115.64	27.88	9115.64	
	b) Quantity Above 125 %	102.52	Cum	0.00	0.00	102.52	326.96	33519.94	102.52	33519.94	
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:3;6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. Page No.13, Item No. 4.2 of PWD SR 2018-19										
	a) Quantity up to 125 %	5.93	Cum	0.00	0.00	5.93	5769.83	34215.09	5.93	34215.09	
	b) Quantity Above 125 %	23.41	Cum	0.00	0.00	23.41	5769.83	135071.72	23.41	135071.72	

3	constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 25 / item No. 5.6 PWD SR 2018-19	6.32	Cum	0.00	0.00	6.32	5046.22	31892.11	6.32	31892.11
4	Providing ruled pointing to coursed masonary with cement mortar 1;3 20 mm deep after racking the joints to depth of 20 mm nicely lining including cost of materials,labour,curing complete as per specification (P-15,I-15.3 PWD SR 2018-19)	3.56	Cum	0.00	0.00	3.56	159.46	567.68	3.56	567.68
5	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, Page No. 7 / Item No. 2.10 / PWD SR									
	a) Quantity up to 125 %	27.88	Cum	0.00	0.00	27.88	219.79	6127.75	27.88	6127.75
	b) Quantity Above 125 %	102.52	Cum	0.00	0.00	102.52	219.79	22532.87	102.52	22532.87

6	Providing and laying in position reinforced cement concrete of design mix M 25 with OPC Cement @ 340 kgs with 20 mm and down size granite coarse aggregates @0.70 cum and fine aggregates @0.47 cum with super plasticiser @3 ltrs conforming to IS 9103-1999 Reaffirmed 2008 at machine mixed concrete of ready mixed concrete laid inlayers not exceeding 15 cms thick and well compacted vibrating, curing, forfootings pedestals retaining walls return walls including attached pillasters column spillars posts strusts buttresses bed blocks anchor blocks and plinths including cost of materials labour HOM of machinery etc complete as per specification with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Page No. 14, Item No. 4.12 PWD CP 2018-19										
	a) Quantity up to 125 %	2.31	Cum	0.00	0.00	2.31	6749.59	15591.55	2.31	15591.55	
	b) Quantity Above 125 %	4.61	Cum	0.00	0.00	4.61	6749.59	31115.61	4.61	31115.61	

7	plain cement concrete of mix 1;2;4 with opc cement @240 kgs with 20 mm and down size graded granite metal course aggregates @0.69 cum and fine aggregates @0.459 cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted for coping including cost of materials,labour HOM of machinery etc complete as per specifications (P-13,I-4.6 OF	1.22	Cum	0.00	0.00	1.22	6027.34	7353.35	1.22	7353.35	
8	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 Page No. 17 / Item No. 4.46.2, PWD SR										
	a) Quantity up to 125 %	0.23	Cum	0.00	0.00	0.23	77601.32	17848.30	0.23	17848.30	
	b) Quantity Above 125 %	0.39	Cum	0.00	0.00	0.39	77601.32	30264.51	0.39	30264.51	

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9	removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No. 15 / Item No. 4.31 PWD SR 2018-19									
	a) Quantity up to 125 %	15.41	Sqm	0.00	0.00	15.41	319.30	4920.41	15.41	4920.41
	b) Quantity Above 125 %	29.57	Sqm	0.00	0.00	29.57	319.30	9441.70	29.57	9441.70
10	Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting,	0.00	Sqm	0.00	0.00	0.00	121.38	0.00	0.00	0.00

11	supported,Ribbed,high quality,high grade (D350 MPA Yst Min), pre painted Galvalume steel Roof sheet coated with bare Galvalume coating AZ 150 @ 150 gms/Smtr 55 % AL, 45 %Zn) by hot dip process of total coated thickness as specified for different spans with tollerence of +/- 0.02 mm ,according to technical specifications conforming to A 792 with NCCA 11-1, or ECCA T4	0.00	Sqm	0.00	0.00	0.00	2389.30	0.00	0.00	0.00
12	Providing and fixing pull and push type rolling shutters of approved mke out of 18 guage ,75 mm wide cold rolled steel laths of convex corrugation with side guides and bottom rail with inter locking arrangements for steel laths by means of alternate clips suspention shaft with high tension coil type springs two numbers mounted on a specially designed pipe shaft with bracket plates guide channels ball bearing arrangements for inside &out side locking with push &pull operations complete including pulling hooks 4 Nos handles with all fittings and acessaries painted	5.40	Sqm	0	0.00	5.40	2850.75	15394.05	5.40	15394.05

13	made out of 20 guage MS Sheet over pull and push rolling shutters bent to shape including cost of red led primer coat of painting materials labour HOM of machinary etc complete as per specifications P-34,I-7.6 KPWD	1.80	Mtr	0.00	0.00	1.80	527.07	948.73	1.80	948.73	
14	KSRB15-3-13 : Providing 20 mm thick cement plaster in single coat with cement mortar 1:3, to stone masonryincluding rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 116 , Item No. 15.18 of PWD SR 2018-19	Qty up to 125%. 51.58	Sqm	0.00 Qty above 125%. 0.00	0.00 0.00	26.40 51.58	320.20 320.20	8453.28 16515.92	26.40 51.58	8453.28 16515.92	
15	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with	0.00	Cum	0.00	0.00	0.00	2636.27	0.00	0.00	0.00	
16	KSRB 7.10 : Providing and fixing in position aluminium Partition walls as per approved drawings with sliding shutters using double track	6.11	Sqm	0.00	0.00	6.11	3678.53	22475.82	6.11	22475.82	
17	KSRB 7.10 : Providing and fixing in position aluminium Doors as per approved drawings with sliding shutters using double track window	1.89	Sqm	0.00	0.00	1.89	6704.25	12671.03	1.89	12671.03	
18	KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after	14.04	Sqm	0.00	0.00	14.04	44.83	629.41	14.04	629.41	

19	applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface	14.04	Sqm	0.00	0.00	14.04	103.88	1458.48	14.04	1458.48	
20	Water purification plants supplying ,installation and commissioning of Automatic Water Purification Plant (RO+UF) with all accessaries	1.00	NOS Unit	0.00	0.00	1.00	405000.00	405000.00	1.00	405000.00	
21	Additional price for installation of Ultra violet System	1.00	Nos	0.00	0.00	1.00	10000.00	10000.00	1.00	10000.00	
22	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements,	1.00	Nos	0.00	0.00	1.00	7466.42	7466.42	1.00	7466.42	
23	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold	30.00	Mtr	0.00	0.00	30.00	256.97	7709.10	30.00	7709.10	
24	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold	30.00	Mtr	0.00	0.00	30.00	320.40	9612.00	30.00	9612.00	
25	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold	30.00	Mtr	0.00	0.00	30.00	408.97	12269.10	30.00	12269.10	
26	Supplying heavy gauge PVC Conduit Pipe 19/20 mm dia 2 mm thick with suitable size bends, metal junction boxes adhesive paste etc.,	40.00	Mtr	0.00	0.00	40.00	50.63	2025.20	40.00	2025.20	
27	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single	70.00	Mtr	0.00	0.00	70.00	20.76	1453.20	70.00	1453.20	
28	2) 2.5 Sq mm	50.00	Mtr	0.00	0.00	50.00	32.40	1620.00	50.00	1620.00	
29	3) 4.0 Sq mm	20.00	Mtr	0.00	0.00	20.00	45.56	911.20	20.00	911.20	

30	system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible	4.00	Nos	0.00	0.00	4.00	162.00	648.00	4.00	648.00
31	Medium Point above 3.0 Mtr Up to 6 Mtrfrom tapping point to out let via switch box	2.00	Nos	0.00	0.00	2.00	253.13	506.26	2.00	506.26
32	Long Point Above 6.0 Mtr Up to 10 Mtr from tapping point to out let via switch box	1.00	Nos	0.00	0.00	1.00	379.69	379.69	1.00	379.69
33	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting,	3.00	Nos	0.00	0.00	3.00	96.19	288.57	3.00	288.57
34	16-18 way	2.00	Nos	0.00	0.00	2.00	182.25	364.50	2.00	364.50
35	Supplying and fixing superior quality modular switch mounting polycorbonate plate with necessary supporting back plate with required	3.00	Nos	0.00	0.00	3.00	111.38	334.14	3.00	334.14
36	16-18 Module	2.00	Nos	0.00	0.00	2.00	273.38	546.76	2.00	546.76
37	Supplying and fixing modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 6Amps one way switch	2.00	Nos	0.00	0.00	2.00	70.88	141.76	2.00	141.76
38	16 Amps 3 way socket I-3.6.3	2.00	Each ~~Nos~~	0.00	0.00	2.00	106.31	212.62	2.00	212.62
39	16 Amps one way switch only I-3.6.8	2.00	Each ~~Nos~~	0.00	0.00	2.00	116.44	232.88	2.00	232.88
40	6/16 Amps universel socket I-3.6.11	3.00	Each ~~Nos~~	0.00	0.00	3.00	164.03	492.09	3.00	492.09
41	1000-1200 watts Dimmer I-3.6.7	6.00	Each ~~Nos~~	0.00	0.00	6.00	556.88	3341.28	6.00	3341.28
42	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and C Type curve	2.00	Each ~~Nos~~	0.00	0.00	2.00	920.36	1840.72	2.00	1840.72
43	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc using 40mm dia 2.9mm thick 2.5 mtr long	2.00	Nos	0.00	0.00	2.00	3037.20	6074.40	2.00	6074.40

44	fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers, 16 Amps (p-24,I-	1.00	Nos	0.00	0.00	1.00	118.46	118.46	1.00	118.46	
45	Supplying and fixing retrofit PL-LED lamp.....W LED Linear source with cct 6500 degree K ,CRI >70% Effiency >80 lumen per watt	5.00	Nos	0.00	0.00	5.00	430.31	2151.55	5.00	2151.55	
46	Fixing all types and all capacities of flourescent /false ceiling /spot lighting/CFL/LED fittings indoor on the wall/ceiling/rafters/girders/using	5.00	Nos	0.00	0.00	5.00	111.38	556.90	5.00	556.90	
EIRL-1	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block	59.17	Sqm	0.00	0.00	59.17	979.56	57960.57	59.17	57960.57	
EIRL-2	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling incluidng rounding off corners wherever	17.46	Sqm	0.00	0.00	17.46	208.54	3641.11	17.46	3641.11	
EIRL-3	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double	1.20	Sqm	0.00	0.00	1.20	4607.28	5528.74	1.20	5528.74	
EIRL-4	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or	25.20	Kgs	0.00	0.00	25.20	102.60	2585.52	25.20	2585.52	
EIRL-5	Providing and fixing Special make glazed Vitrified tiles (Granomite finis) of approved make, quality and colour of sized 6000x600x10mm	15.57	Sqm	0.00	0.00	15.57	1188.00	18497.16	15.57	18497.16	
EIRL-6	Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to ceiling incluidng rounding off corners wherever	37.44	Sqm	0.00	0.00	37.44	298.08	11160.12	37.44	11160.12	
EIRL-7	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat	54.90	Sqm	0.00	0.00	54.90	90.72	4980.53	54.90	4980.53	

EIRL-8	walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after	47.16	Sqm	0.00	0.00	47.16	90.70	4277.41	47.16	4277.41	
EIRL-9	Providing and installing at site of work PVC pipes including cost of pipes and specials and labour including lowering in to trenches	200.00	Mtr	0.00	0.00	200.00	155.00	31000.00	200.00	31000.00	
					Sub Total Rs			1083586.87		1083586.87	1075599/-
					GST @ 12 % Rs			130030.42		130030.42	129072/-
					Grand Total Rs			1213617.29		1213617.29	1204671/-

Certificate

1.Certify that the contractor completes the work satisfactorily

2 .cretify that there is no departmental issues to Contractor

3 .Certify that the contractor cleared all debris at workspot

Sub Total = 1083783-00

GST 12% = 130054-00

Grand Total = 1213837-00

Assistant Engineer
Ward No-14

Assistant Executive Engineer
Basavanagudi sub division
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ. ಬಸವನಗುಡಿ ಉಪ ವಿಭಾಗ
ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೆಂಗಳೂರು 560073